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PATENT
Attorney Docket No. 33280

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
LIN ET AL.

Group Art Unit: 2168

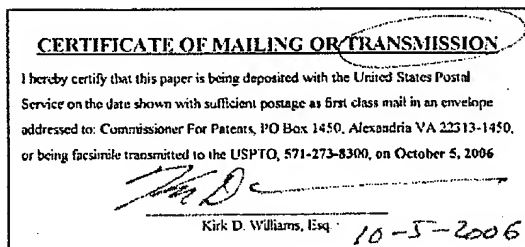
Application No. 10/733,016

Examiner: LE, DEBBIE M.

Confirmation No. 7499

Filed: December 10, 2003

For: MAINTAINING AND DISTRIBUTING
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Transmittal of PCT International Preliminary Report on Patentability

Commissioner for Patents
Alexandria, VA 22313-1450

Dear Sir:

Enclosed herewith is a copy of a PCT International Preliminary Report on Patentability for an application claiming priority to the present application.

Applicants note that the Report states that all pending claims are novel.

The submission of this Report is for the purpose of providing a complete record.


In re LIN ET AL.
Application No. 10/733,016

Although no fees are believed due in regards to this communication, the Commissioner is hereby authorized to charge any associated fees to Deposit Account No. 501430. Moreover, the Commissioner is hereby generally authorized under 37 C.F.R. § 1.136(a)(3) to treat this communication or any future communication in this or any related application filed pursuant to 37 C.F.R. § 1.53 requiring an extension of time as incorporating a request therefore, and the Commissioner is hereby specifically authorized to charge Deposit Account No. 501430 for any fee that may be due in connection with such a request for an extension of time. Moreover, the Commissioner is hereby authorized to charge payment of any fee due any under 37 C.F.R. §§ 1.16 and § 1.17 associated with this communication or any future communication in this or any related application filed pursuant to 37 C.F.R. § 1.53 or credit any overpayment to Deposit Account No. 501430.

Respectfully submitted,
The Law Office of Kirk D. Williams

Date: October 5, 2006

By

 10-5-2006
Kirk D. Williams, Reg. No. 42,229
One of the Attorneys for Applicant
CUSTOMER NUMBER 26327
The Law Office of Kirk D. Williams
1234 S. OGDEN ST., Denver, CO 80210
303-282-0151 (telephone), 303-778-0748 (facsimile)

PATENT COOPERATION TREATY

PCT/US2004/032195

From the INTERNATIONAL BUREAU

PCTNOTIFICATION CONCERNING
TRANSMITTAL OF COPY OF INTERNATIONAL
PRELIMINARY REPORT ON PATENTABILITY
(CHAPTER I OF THE PATENT COOPERATION
TREATY)

(PCT Rule 44bis.1(c))

To:

WILLIAMS, Kirk
1234 S. Ogden St.
Denver, CO 80210
ETATS-UNIS D'AMERIQUEDate of mailing (*day/month/year*)
17 August 2006 (17.08.2006)Applicant's or agent's file reference
33280-1

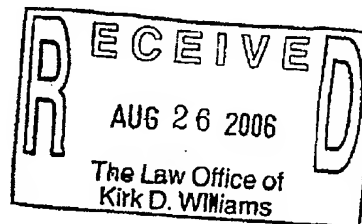
IMPORTANT NOTICE

International application No.
PCT/US2004/032195International filing date (*day/month/year*)
30 September 2004 (30.09.2004)Priority date (*day/month/year*)
10 December 2003 (10.12.2003)

Applicant

CISCO TECHNOLOGY, INC.

The International Bureau transmits herewith a copy of the international preliminary report on patentability (Chapter I of the Patent Cooperation Treaty)

The International Bureau of WIPO
34, chemin des Colombettes
1211 Geneva 20, Switzerland

Authorized officer

Philippe Becamel

Facsimile No. +41 22 338 82 70

e-mail: pt12@wipo.int

Form PCT/IB/326 (January 2004)

PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY
(Chapter I of the Patent Cooperation Treaty)

(PCT Rule 44bis)

Applicant's or agent's file reference 33280-1	FOR FURTHER ACTION See item 4 below	
International application No. PCT/US2004/032195	International filing date (<i>day/month/year</i>) 30 September 2004 (30.09.2004)	Priority date (<i>day/month/year</i>) 10 December 2003 (10.12.2003)
International Patent Classification (8th edition unless older edition indicated) See relevant information in Form PCT/ISA/237		
Applicant CISCO TECHNOLOGY, INC.		

1. This international preliminary report on patentability (Chapter I) is issued by the International Bureau on behalf of the International Searching Authority under Rule 44 bis.1(a).
2. This REPORT consists of a total of 4 sheets, including this cover sheet.

In the attached sheets, any reference to the written opinion of the International Searching Authority should be read as a reference to the international preliminary report on patentability (Chapter I) instead.

3. This report contains indications relating to the following items:

- | | |
|---|---|
| <input checked="" type="checkbox"/> Box No. I | Basis of the report |
| <input type="checkbox"/> Box No. II | Priority |
| <input type="checkbox"/> Box No. III | Non-establishment of opinion with regard to novelty, inventive step and industrial applicability |
| <input type="checkbox"/> Box No. IV | Lack of unity of invention |
| <input checked="" type="checkbox"/> Box No. V | Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement |
| <input type="checkbox"/> Box No. VI | Certain documents cited |
| <input type="checkbox"/> Box No. VII | Certain defects in the international application |
| <input type="checkbox"/> Box No. VIII | Certain observations on the international application |

4. The International Bureau will communicate this report to designated Offices in accordance with Rules 44bis.3(c) and 93bis.1 but not, except where the applicant makes an express request under Article 23(2), before the expiration of 30 months from the priority date (Rule 44bis.2).

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Facsimile No. +41 22 338 82 70	Date of issuance of this report 07 August 2006 (07.08.2006)
	Authorized officer Philippe Becamel e-mail: pt12@wipo.int

Form PCT/IB/373 (January 2004)

PATENT COOPERATION TREATY

REC'D 10 JUL 2006

WIPO

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From the
INTERNATIONAL SEARCHING AUTHORITYTo:
KIRK WILLIAMS
1234 S. OGDEN ST.
DENVER, CO 80210

PCT

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

(PCT Rule 43bis.1)

Date of mailing
(day/month/year) 07 JUL 2006

Applicant's or agent's file reference

33280-1

FOR FURTHER ACTION

See paragraph 2 below

International application No.

PCT/US04/32195

International filing date (day/month/year)

30 September 2004 (30.09.2004)

Priority date (day/month/year)

10 December 2003 (10.12.2003)

International Patent Classification (IPC) or both national classification and IPC

IPC: G06F 17/30(2006.01);H04H 7/00(2006.01)

USPC: 707/10;455/445

Applicant

CISCO TECHNOLOGY, INC.

1. This opinion contains indications relating to the following items:

- ☒ Box No. I Basis of the opinion
- ☐ Box No. II Priority
- ☐ Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- ☐ Box No. IV Lack of unity of invention
- ☒ Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- ☐ Box No. VI Certain documents cited
- ☐ Box No. VII Certain defects in the international application
- ☐ Box No. VIII Certain observations on the international application

2. FURTHER ACTION

If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further options, see Form PCT/ISA/220.

3. For further details, see notes to Form PCT/ISA/220.

Name and mailing address of the ISA/ US
Mail Stop PCT, Attn: ISA/US
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
Facsimile No. (571) 273-3201

Date of completion of this opinion

16 May 2006 (16.05.2006)

Authorized officer

Tim Vo

Telephone No. (571) 272-2100

Form PCT/ISA/237 (cover sheet) (April 2005)

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.

PCT/US04/32195

Box No. I Basis of this opinion

1. With regard to the language, this opinion has been established on the basis of:

- ☒ the international application in the language in which it was filed
☐ a translation of the international application into _____, which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b)).

2. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:

a. type of material

- ☐ a sequence listing
☐ table(s) related to the sequence listing

b. format of material

- ☐ on paper
☐ in electronic form

c. time of filing/furnishing

- ☐ contained in the international application as filed.
☐ filed together with the international application in electronic form.
☐ furnished subsequently to this Authority for the purposes of search.

3. ☐ In addition, in the case that more than one version or copy of a sequence listing and/or table(s) relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.

4. Additional comments:

Form PCT/ISA/237(Box No. I) (April 2005)

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**International application No.
PCT/US04/32195**Box No. V Reasoned statement under Rule 43 bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement****1. Statement**

Novelty (N)

Claims 1-23 YES
Claims NONE NO

Inventive step (IS)

Claims 1-23 YES
Claims NONE NO

Industrial applicability (IA)

Claims 1-23 YES
Claims NONE NO**2. Citations and explanations:**

Claims 1-23 meet the criteria set out in PCT Article 33(2)-(3), because the prior art does not teach or fairly suggest receiving a particular route update, notifying the client of the particular route update in response to identifying the particular route update response to both at least one address in the set of addresses and at least one routing attribute in the set of types of routing changes that are interest.

Form PCT/ISA/237 (Box No. V) (April 2005)